

FIG. 1

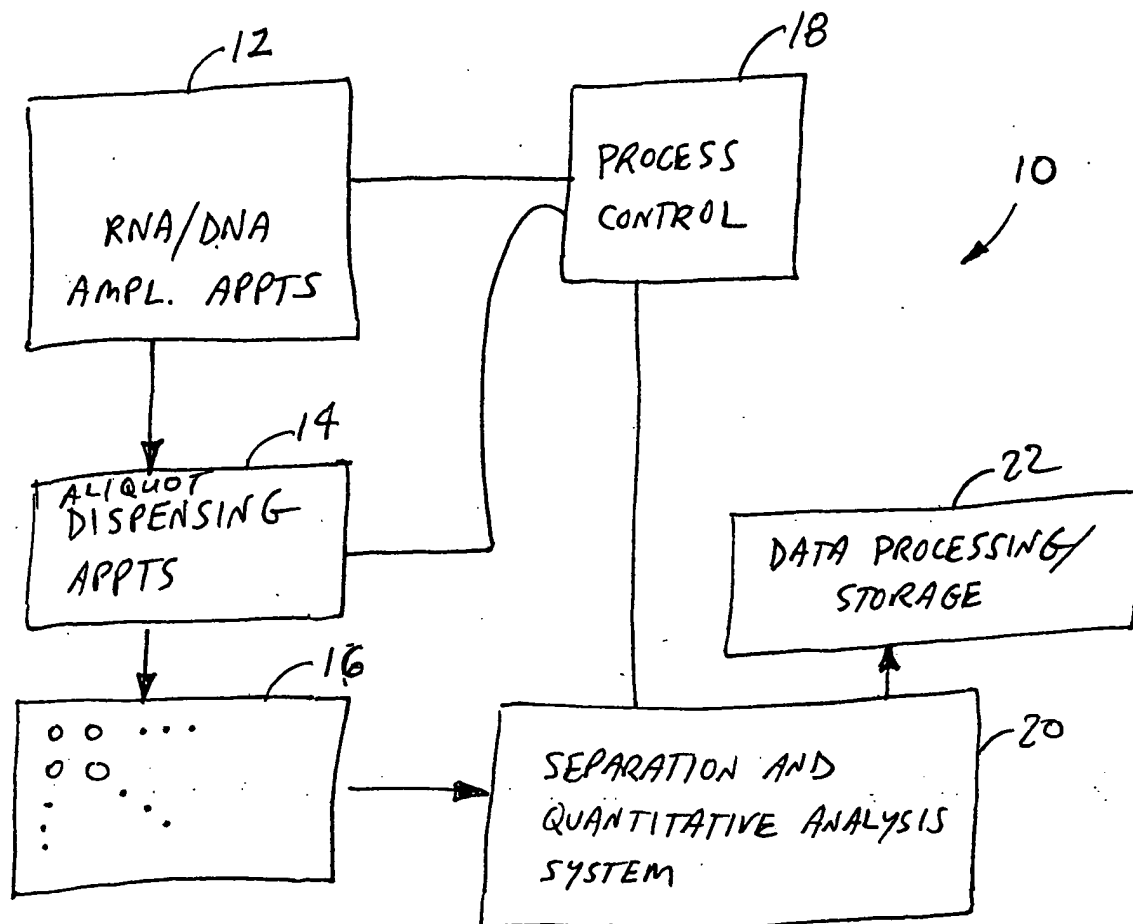
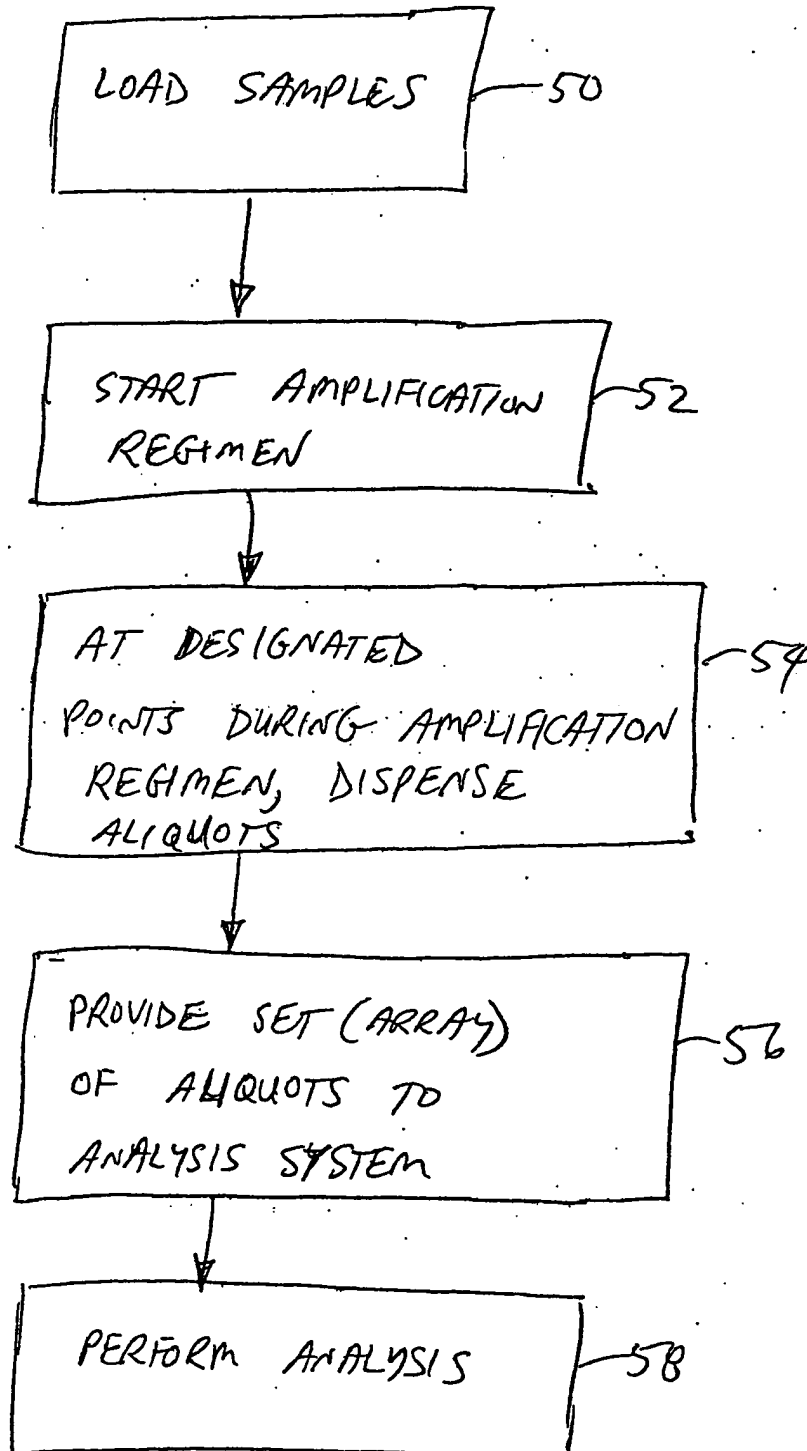


FIG. 2



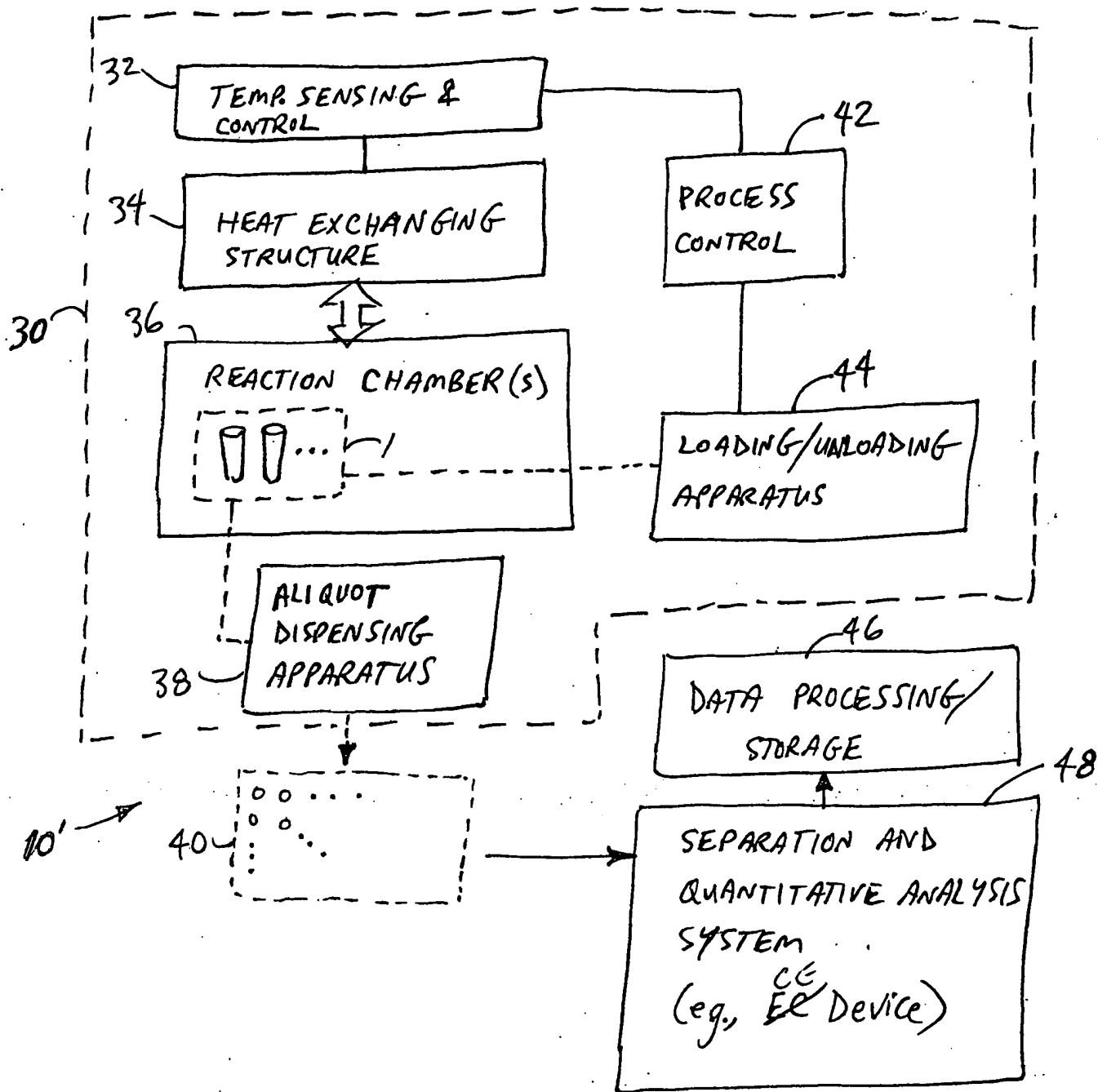


FIG. 3

FIGURE 4

TARGET 1

TARGET 2

1) ANNEAL AND EXTEND DOWNSTREAM TAGGED PRIMERS

\_\_\_\_\_ a'

\_\_\_\_\_ b'

← \_\_\_\_\_ a [T1]

← \_\_\_\_\_ b [T1]

2) ANNEAL AND EXTEND UPSTREAM TAGGED PRIMERS

[T2] c \_\_\_\_\_  
\_\_\_\_\_ a [T1]

[T2] d \_\_\_\_\_  
\_\_\_\_\_ b [T1]

3) REPEAT STEPS 1 & 2

[T2] c \_\_\_\_\_ [T1']

[T2] d \_\_\_\_\_ [T1']

← \_\_\_\_\_ a [T1]

← \_\_\_\_\_ b [T1]

AND

AND

[T2] c \ \_\_\_\_\_

[T2] d \ \_\_\_\_\_

[T2'] \_\_\_\_\_ a [T1]

[T2'] \_\_\_\_\_ b [T1]

RESULT:

[T2] c \_\_\_\_\_ a' [T1']

[T2] d \_\_\_\_\_ b' [T1']

[T2'] c' \_\_\_\_\_ a [T1]

[T2'] d' \_\_\_\_\_ b [T1]

4) REMOVE PRIMERS

5) AMPLIFY WITH TAG SPECIFIC PRIMERS T1, T2 (T1 LABELED)

TARGET 1

TARGET 2

T2 \ \_\_\_\_\_

T2 \ \_\_\_\_\_

[T2'] \_\_\_\_\_ [T1]

[T2'] \_\_\_\_\_ [T1]

[T2] \_\_\_\_\_ [T1']

[T2] \_\_\_\_\_ [T1']

← \_\_\_\_\_ T1 ⊗

← \_\_\_\_\_ T1 ⊗

6) SEPARATE

7) DETECT LABEL ON SEPARATED SPECIES

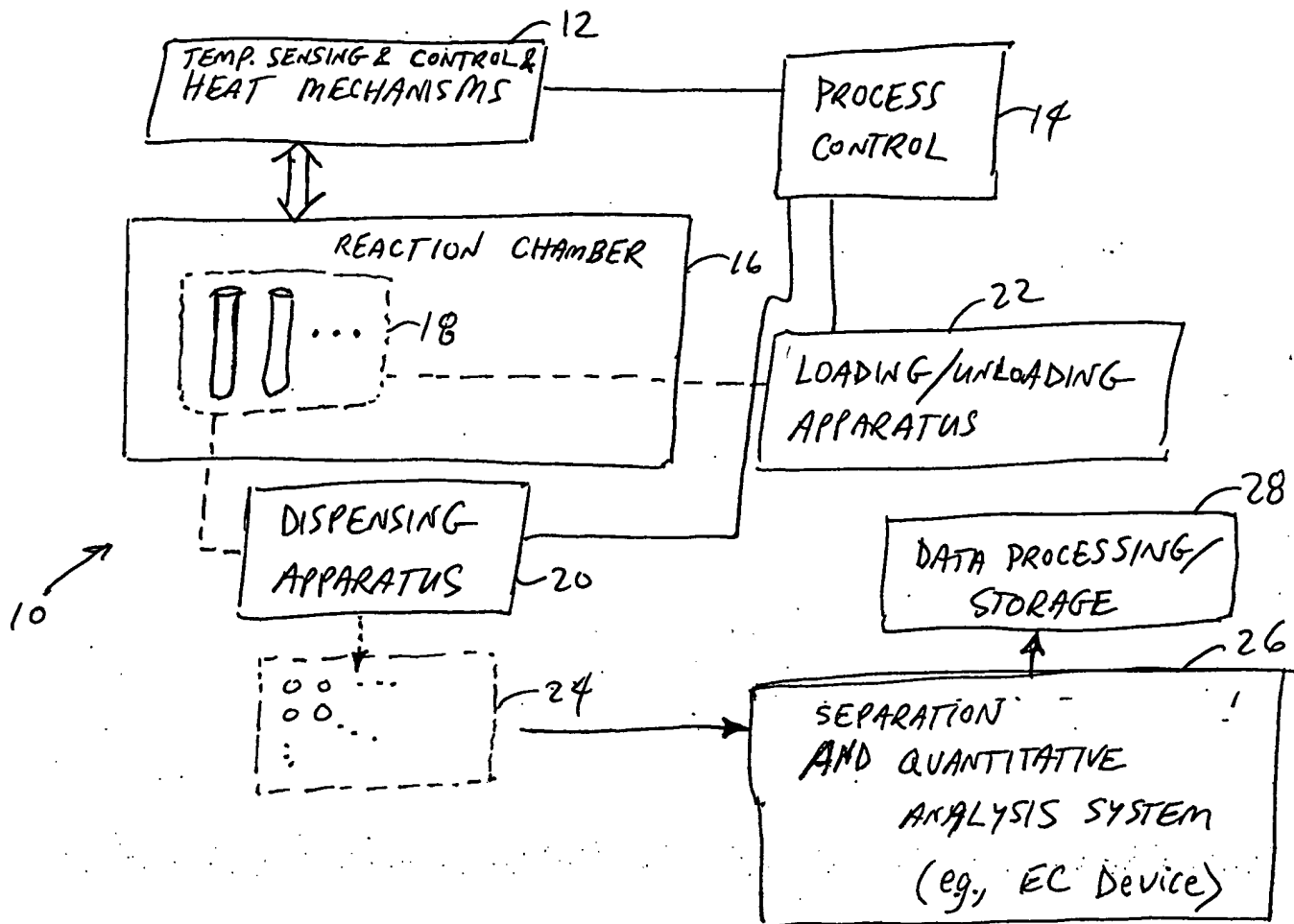


FIG 5

FIG. 6

